

Title (en)

OPERATING DEVICE COMPRISING AN ELEVATOR DOOR FOLDING AROUND A VERTICAL AXIS

Title (de)

DAS FALTEN EINER AUFZUGSTÜR UM EINE VERTIKALE ACHSE UMFASSENDE BETÄTIGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE FONCTIONNEMENT COMPORTANT UNE PORTE D'ASCENSEUR SE REPLIANT AUTOUR D'UN AXE VERTICAL

Publication

EP 1706347 A2 20061004 (EN)

Application

EP 05700324 A 20050121

Priority

- CH 2005000029 W 20050121
- CH 732004 A 20040121
- CH 3592004 A 20040304

Abstract (en)

[origin: WO2005070807A2] The invention concerns an operating device comprising an elevator door (2) folding around a vertical axis during its opening or closing movement. The invention is characterised by the following three characteristics: a) the vertical axis (4, 6) constitutes also the dragging element of the door (2) of the elevator cabin (1), b) the door (2) of the cabin (1) is constantly subject to a tractive force that tends to close it, c) the vertical axis (4, 6) comprises a motor with external rotor and internal stator. The invention allows to realise elevator doors (2) of minimal overall dimension, since they lack the space to be allocated to the motor for dragging the door - as usually necessary -, of easy assembly and of optimal packing and transport conditions.

IPC 8 full level

B66B 13/06 (2006.01); **B66B 13/02** (2006.01); **B66B 13/30** (2006.01); **E06B 9/13** (2006.01)

CPC (source: EP)

B66B 13/02 (2013.01); **B66B 13/305** (2013.01); **E06B 9/13** (2013.01)

Citation (search report)

See references of WO 2005070807A2

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

WO 2005070807 A2 20050804; **WO 2005070807 A3 20050922**; EP 1706347 A2 20061004

DOCDB simple family (application)

CH 2005000029 W 20050121; EP 05700324 A 20050121